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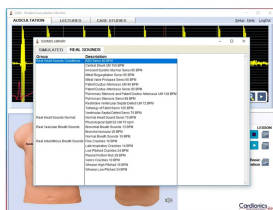
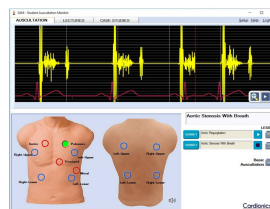
SAM 3G® Student Auscultation Manikin - Auscultation Simulator - SAM 3G - Cardionics

Item No. 1021554
Weight 10.9kg
Brand Cardionics
MPN: 718-8802

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SKU:

Categories:Auscultation



Product Description

Auscultation is an essential clinical skill needed to assess and monitor patients' conditions. With the new Cardionics SAM 3G Student Auscultation Manikin 3rd Generation, teaching and learning this skill becomes even more versatile and economic. The SAM 3G Auscultation Trainer can be used with any stethoscope available and offers the largest **Real Sound Library, Case Videos, Echo Cardiogram Videos and ECG Waveforms** for students to master identification of various heart, lung and bowel sounds. All sounds and videos are recorded from live patients for students to experience a life-like simulation. Case videos contain patient and clinical interactions for various conditions and enhance the learning by providing visual representation of the sounds. Users can also create and save their own case videos. SAM 3G Student Auscultation Manikin is world's most innovative product available on the market, used in teaching and learning heart, lung and bowel sounds. When connected to the laptop (included) with the pre-installed software, a variety of sounds, videos and lessons recorded can be accessed. Additionally, when connected to speakers (1021753) SAM 3G Student Auscultation Manikin can be easily moved into a classroom or an auditorium for group instruction, where a larger audience of students can benefit from a co-learning experience and share their thoughts at the same time as high quality heart, lung and bowel sounds are emitted. The programmable and password protected lectures allow teaching institutions to have numerous instructors utilize the SAM 3G Trainer. Included with the product is SAM's Lesson Guide: a complete guide of lessons for each auscultation sound that SAM 3G offers **SAM 3G Student Auscultation Manikin can be used for:**

- Self-study, students use their own stethoscope
- Group lectures
- Viewing phonocardiograms

The following **real sound library for auscultation training** is included with SAM 3G: Real **normal** heart sounds:

- Normal Sensi 75 Bpm
- Physiological Splitting of S2 UM 70 Bpm

Real heart sounds **conditions:**

- Aortic Septal Defect Sensi 80 BPM
- Central Shunt UM 150 BPM
- Innocent Murmur Sensi 85 BPM
- Mitral Regurgitation Sensi 95 BPM
- MVP Sensi 90 BPM
- Patent Ductus Arteriosus UM 96 BPM
- Patent Ductus Arteriosus Sensi 95 BPM

- Pulmonary Stenosis and Patent Ductus Arteriosus UM 138 BPM
- Pulmonary Stenosis Sensi 88 BPM
- Restrictive Ventricular Septal Defect UM 72 BPM
- Tetralogy of Fallot Sensi 120 BPM
- Ventricular Septal Defect Sensi 76 BPM
- Ventricular Septal Defect UM 130 BPM

Real **vesicular breath** sounds:

- Bronchial Breath 13 BPM
- BronchoVesicular 26 BPM
- Vesicular Normal 16 BPM

Real **adventitious breath** sounds:

- Fine Crackles 10 BPM
- Late Inspiratory Crackles 14 BPM
- Low Pitched Crackles 24 BPM
- Pleural Friction Rub 28 BPM
- Velcro Crackles 10 BPM
- Wheeze High Pitched 16 BPM
- Wheeze Low Pitched 34 BPM

Delivery content of SAM 3G Student Auscultation Manikin:

- A portable SAM 3G Male Auscultation Torso
- A new DELL laptop computer with a pre-installed auscultation teaching software, with programmable and password protected lectures
- A Real Sound Library: 24 sounds from real patients
- Echo Cardiogram Videos: 12 videos associated with various heart conditions. An ECG waveform is displayed with various heart sounds to help identify S1
- Case Videos: over 24 videos containing patient and clinical interactions for various conditions. Users can watch a video and practice listening to SAM 3G Trainer for a life-like auscultation simulation, as well as create their own case videos
- A digital copy of SAM's Lesson Guide: located on the laptop in digital form, can be printed and used to support auscultation teaching anytime
- One SAM t-shirt and a user's manual

How is SAM 3G Student Auscultation Manikin different from other auscultation products available on the market?

- It is lightweight & portable

- It has a new and user friendly software program
- Phonocardiogram
- It has the largest library of sounds (24 sounds) & videos (36 videos altogether)
- It has the complete Lesson Guide
- It can be used with any stethoscope
- It has a palpable carotid pulse, ECG videos and waveform for heart sounds
- Users can create and save own case videos
- Users can setup password protected lectures for student assessment
- It is available in light and dark skin version

SAM 3G can be used in conjunction with SAM Online, the Cardionics auscultation teaching program that allows students 24/7 access to SAM's sounds library from any computer connected to the Internet. This program also has over 40 lessons on auscultation with illustrations, diagrams, phonocardiograms, questions and answers. The Site-License is included. Cardionics auscultation trainers now include a COVID-19 lung sound! The manikin is available in a light and a dark skin tone. Software is available in English, French, German, Polish, Portuguese, Russian, and Spanish. [Contact us](#) to request an **online demo today and find out how your students can benefit from using the new SAM 3G trainer for studying!**

	SAM 3G®	SAM II®	SAM Basic®	SAM OnLine®	PAT®	PAT Basic®
Item No.	1021554	1020095	1020097	8000918	1020096	1020098
Hardware						
Laptop with pre-installed software	Yes	Yes	-	-	Yes	-
Stethoscope used	any stethoscope	any stethoscope	SimScope®	-	any stethoscope	SimScope®
Carotid pulse	Yes	Yes	-	-	-	-
Can be connected to the speaker system 1021753 for group instruction	Yes	Yes	-	Yes	Yes	-
Auscultation sites						
Heart	4	4	4	-	4	4
Lung	8	8	16	-	8	16
Bowel	2	2	2	-	2	2
Bruit	1	1	2	-	1	2
Auscultation sounds						
Heart	49	35	18	45	37	25
Lung	34	24	19	25	17	12
Bowel	11	11	5	16	4	4
Bruit	6	6	1	6	0	1
COVID-19	Yes	Yes	Yes	Yes	Yes	Yes
Software						

Phonocardiogram (recording of all the sounds made by the heart during a cardiac cycle)	Yes	Yes	-	Yes	Yes	-
Sounds in the Real Sound Library	24	0	0	-	0	0
Echo Cardiogram Videos	12	0	0	-	0	0
Case Videos	24	0	0	-	0	0
Users can create and save own videos	Yes	-	-	-	-	-
Users can setup password protected lectures	Yes	Yes	-	-	Yes	-
Multi-languages available	Yes	Yes	-	-	-	-
Available in light and dark skin tone	Yes	Yes	Yes	-	Yes	Yes